

### **What Is Claimed Is:**

1. A noise-free low-power consumption wide voltage range DC and AC contactor comprising: a housing; an static iron core installed on an inner bottom of the housing; an movable copper installed in an inner top of the housing; each of two ends of the movable copper having a respective movable silver spot; static silver spots being installed below the movable silver spots; two stationary coppers connected to a wall of the housing; each of the stationary coppers being installed with a respective one of the static silver spots; a middle part of the movable copper being connected to a movable iron core; a spring installed between a bottom of the moveable iron core and an inner bottom of the static iron core on the housing; a magnetic coil wound around one leg of the static iron core; a retaining coil wound around another leg of the static iron core; characteristic in that a linkage having one end connected to the moveable iron core; a micro switch connected to another end of the linkage; the micro switch being connected to the magnetic coil, an integrated circuit and the retaining coil; wherein the bottom of the moveable iron core is within longitudinal extents of the magnetic coil and retaining coil.

2. The noise-free low-power consumption wide voltage range DC and AC contactor as claimed in claim 1, wherein the micro switch has a normally closed contact point; the contact point is connected to the magnetic coil; the integrated circuit is connected to a retaining coil in parallel.

3. The noise-free low-power consumption wide voltage range DC and AC contactor as claimed in claim 1, wherein the contactor is used with a telephone, a telephone input wire, a voice system, a keyboard and software program so as to be formed as a remote telephone control system.

4. The noise-free low-power consumption wide voltage range DC and AC contactor as claimed in claim 1, wherein the contactor is combined with a remote telephone control system so as to form as a control device; the control device is connected to a public power supply system directly

and then the telephone wire is connected so that the telephone wire is conducted so as to achieve the object of control.

5      5. The noise-free low-power consumption wide voltage range DC and AC contactor as claimed in claim 1, wherein the number of the telephone is according to the number of electric device to be controlled.

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